ACCOMPANYING APPLICATION TRANSMITTAL First Immentor of Application Identifier Lanshi Zheng et al. The Disc Head Subset Lanshi Zheng et al. The Disc He	Please type a plus (+) sign in this box + +						Paten to a colle	PTO/SB/05 (4/98) Approved for use through 09/30/2000. OMB 0651-0032 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE a collection of information unless it displays a valid OMB control number.							
PATENT APPLICATION TRANSMITTAL Solid Continue First Inventor or Application tentifier Lanshi Zheng et al.		96		UTILITY	,		Attori	ney Dock	et No.	S	01.12-0669		****		
TRANSMITTAL Trans		□	PATE				First							et al.	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. Address 70: Assistant Commissioner for September 1 and September 2	(On	TRANSMITTAL					Title	ble DISC HEAD SLIDER HAVING VERT FEATURES AND METHOD OF FABR					RICATING	VERTICAL!	
See MPEP chapter 600 concerning utility patient application contents. See MPEP chapter 600 concerning utility patient application contents.		Ö					Expre							250	
Submit an original and adjustices for the processing) Submit an original and adjustices for the processing) Submit an original and adjustices for the processing) Submit an original and adjustices for the fine think and the processing of t						ts.	Address 10: Box Patent Application								
Continued arrangement set forth below Descriptive title of the Invention Description	1.	X	*Fee Tra (Submit a	ansmittal Form e. n original and a dupli	g., PTO/SB17) cate for fee proces	sing)		5.		Microfi	che Compute	r Progra	ım (Appen	ıdix)	
- Descriptive title of the Invention a. Computer Readable Copy - Cross References to Related Applications b. Paper Copy (dentical to computer copy) - Statement Regarding Fed sponsored R & D Reference to Microfiche Appendix - Reference to Microfiche Appendix Background of the Invention - Brief Description of the Invention - Brief Description of the Drawings (if flied) - Detailed Description - Detailed Description - Detailed Description - Abstract of the Disclosure - Abstract of the Disclos	2.	X	•		•	24	ij	6.					Sequence	Submission	
- Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 3. Drawing(s) (35 U.S.C. s. 113) [Total Sheets 4] 4. Oath or Declaration [Total Sheets 3] 1 5. Newly executed (original or copy) 5. Newly executed (original or copy) 6. Department variety in spinication (Invention) inventor(s) named in the prior application. 7. Statement (IDS/PTO - PTO) 9. English Translation Document 10. Information Disclosure Copies of IDS Statement (IDS/PTO - PTO) 11. Perliminary Amendment 12. Return Receipt Postcard (MPEP 503) 13. Statement (IDS/PTO - PTO) 14. Oath or Declaration [Total Sheets 3] 1 15. Signed Statement with Box 15 completed) (for continuation/divisional with Box 15 completed) (for North Total Sheets 13 s. North To										···	•	• •	э Сору		
Reference to Microfiche Appendix Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Calaim(s) Abstract of the Disclosure Jensel's June 19 June 1					• •				b.		Paper Cop	y (Identi	cal to com	puter copy)	
- Background of the Invention - Brief Summary of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure of the Secondary of the Seconda					•	& D									i
Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure 3.										ACCO	IPANYING A	PPLICA	ATION PA	RTS	
- Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 3.								7.	X	Assig	gnment Papers	s (cover	sheet & do	cument(s))	
- Claim(s) - Abstract of the Disclosure - Abstract of the Disclosure - Abstract of the Disclosure - Abstract of the Disclosure - Abstract of the Disclosure - Abstract of the Disclosure - Abstract of the Disclosure - Abstract of the Disclosure - Abstract of the Disclosure - Abstract of the Disclosure - Abstract of the Disclosure - Copies of IDS - Abstract of the Disclosure - Copies of IDS - Information Disclosure - Copies of IDS - Statement (IDS/PTO - PTO) - Return Receipt Postcard (MPEP 503) - Return Receipt Postcard (MPEP 503) - Return Receipt Postcard (MPEP 503) - Status still proper and desired - (PTO/SB/09-12) - Certified Copy of Priority Document(s) - (If oreign priority is claimed) - Inventor(s) - Signed statement attached deleting - inventor(s) - Inventor(s) - Signed statement attached deleting - inventor(s) - Inventor(s) - Signed statement attached deleting - inventor(s) - Inventor(s) - Signed statement attached deleting - inventor(s) - Signed statement attached deleting - inventor(s) - Signed statement attached deleting - inventor(s) - Signed Status still proper and desired - (PTO/SB/09-12) - Certified Copy of Priority Document(s) - (If foreign priority is claimed) - (If foreign priority is claimed) - (If foreign priority is claimed) - Inventorial Status still proper and desired - (If foreign priority is claimed) - Inventorial Status still proper and desired - (If foreign priority is claimed) - Interest Lats in opportunities - Request and Cert. Under 35 USC 122 (Non-Pub) - Request and Cert. Under 35 USC 122 (Non-Pub) - Request and Cert. Under 35 USC 122 (Non-Pub) - If a CONTINUATION APPER ONE; Tex 8; 123, EXCEPT - If ONE TEXT STATEMENT IS RELIED UPON GT CF.R. 8; 123, EXCEPT - If ONE TEXT STATEMENT IS RELIED UPON GT CF.R. 8; 123, EXCEPT - If ONE TEXT STATEMENT IS RELIED UPON GT CF.R. 8; 123, EXCEPT - If ONE TEXT STATEMENT IS RELIED UPON GT CF.R. 8; 123, EXCEPT - If ONE TEXT STATEMENT IS RELIED UPON GT CF.R. 8; 123, EXCEPT - If ONE TEXT STATEMENT IS RELIED UPON GT CF.R. 8; 123, EXCEPT - If ONE TEXT STA			- Brief D	escription of the l		d)		8.		37 C when tl	.F.R. § 3.73(b) here is an assi	Statem	ent 🗆		
3.			- Claim(s)	re			9.		Engli	ish Translation	Docum	ent	·	
4. Oath or Declaration a. Newly executed (original or copy) b. Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 16 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, statement(s) (if foreign priority is claimed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, sea 37 C.F.R. § 1.63(d)(2) and 1.33(b). **NOTE FOR ITEMS 1.6.15: IN ORDER TO BE ENTITED TO PAY INVENTED THE FOR A SMALL ENTITY STATEMENT IS REQUIRED OF C.F.R. § 1.29, EXCEPT IF ONE FILLED IN A PRIOR APPLICATIONS, CHECK appropriate box, and supply the requisite information below and in a preliminary amendment: Continuation Divisional Continuation -in part (CIP) of prior application No: FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Or Correspondence address below	3.	X				Sheets 4]]	10.	X					Copies of II	DS
a. Newly executed (original or copy) b. Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/kivisional with Box 16 completed) i. DELETION OF INVENTORIS) Signed statement attached deleting inventority named in the prior application, see 37 C.F.R. § 81.63(d)(2) and 1.33(b). **NOTE FOR ITEMS 1.6.15. IN ORDER TO BE EXTITLED TO PLY SMALL ENTITY FEEX, A SMALL ENTITY STATEMENT IS REQUIRED TO F.R. § 1.29, EXCEPT IF ONE FILED IN A PRIOR APPLICATION is RELIED UPON 67 C.F.R. § 1.29, EXCEPT IF ONE FILED IN A PRIOR APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: Continuation Divisional Continuation in part (CIP) of prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Or Eax (612) 334-3312 Name Pennthype David D. Brush Registration No. (Attorney/Agent) 34,557 Name (Pennthype) David D. Brush Registration No. (Attorney/Agent) 34,557 Name (Pennthype) David D. Brush Registration No. (Attorney/Agent) 34,557 Name (Pennthype) David D. Brush Registration No. (Attorney/Agent) 34,557 Name (Pennthype) David D. Brush Registration No. (Attorney/Agent) 34,557 Name (Pennthype) David D. Brush Registration No. (Attorney/Agent) 34,557 Name (Pennthype) David D. Brush Registration No. (Attorney/Agent) 34,557 Name (Pennthype) David D. Brush Registration No. (Attorney/Agent) 34,557 Name (Pennthype) David D. Brush Registration No. (Attorney/Agent) 34,557 Name (Pennthype) David D. Brush Registration No. (Attorney/Agent) 34,557 Name (Pennthype) David D. Brush Registration N	4.	Oath	or Decla	ration	[Total Shee	ts 3	1 <i>1</i>	11.			· ·		,		
Continuation Divisional with Box 16 completed		a.	X No	ewly executed (or	iginal or copy)		- I	12	X	Retu	rn Receipt Pos	stcard (N	1PEP 503)		
14.		b.					(d))	13.		State	ement(s)				on.
see 37 C.F.R. §§1.63(d)(2) and 1.33(b). *NOTE FOR ITEMS & 13: IN ORDER TO BE ENTITIED TO PAY SMALL ENTITY FRES, A SMALL ENTITY STATEMENT IS REQUIRED GOT C.F.R. § 1.26). 16.		Signed statement attached deleting							Certi	fied Copy of P					
* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRICE PROPERTIES IN SECURITION IS RELIED UPON (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRICE PROPERTIES IN SECURITION IS RELIED UPON (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRICE PROPERTIES IN SECURITION IS RELIED UPON (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRICE PROPERTIES IN SECURITION IS RELIED UPON (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRICE PROPERTIES IN SECURITION IS RELIED UPON (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRICE PROPERTIES IN SECURITION IS RELIED UPON (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRICE PROPERTIES IN SECURITION IS RELIED UPON (47 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PROPERTIES IN SECURITION IS RELIED UPON (47 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PROPERTIES IN A								15.	15. Request and Cert. Under 35 USC 122 (Nor					(Non-Pub)	
Continuation Divisional Continuation —in part (CIP) of prior application No: Prior application information: Examiner Group/Art Unit. FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or		FEES, A SM	<i>IALL ENTIT</i>	<u>k 13</u> : IN ORDER TO BE Y STATEMENT IS RE	E ENTITLED TO PAY QUIRED (37 C.F.R. §	SMALL ENTIT	ry	16.	X	Othe	r: <u>Checks f</u>	or \$790.	00 and \$40	0.00	
Continuation Divisional Continuation —in part (CIP) of prior application No: Prior application information: Examiner Group/Art Unit. FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or	16.	lf a (CONTINU	ING APPLICATI	ON. check appr	opriate box. a	nd supi	oly the rec	nuisite ir	nformatic	on below and in	a nrelim	inary amen	dment:	
FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or												- u promi			
Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) David D. Brush WESTMAN CHAMPLIN & KELLY Suite 1600 – International Centre Address 900 South Second Avenue City Minneapolis State MN Zip Code 55402-3319 Country USA Telephone (612) 334-3222 Fax (612) 334-3312	Prior application information: Examiner Group/Art Unit. FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by														
David D. Brush WESTMAN CHAMPLIN & KELLY															
David D. Brush WESTMAN CHAMPLIN & KELLY					[*************************************						,,,,,,,				
Name WESTMAN CHAMPLIN & KELLY Suite 1600 – International Centre Address 900 South Second Avenue City Minneapolis State MN Zip Code 55402-3319 Country USA Telephone (612) 334-3222 Fax (612) 334-3312 Name (Print/type) David D. Brush Registration No. (Attorney/Agent) 34,557	Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below														
Suite 1600 - International Centre	••				IN 9 VELLY			· - ····							
Address 900 South Second Avenue City Minneapolis State MN Zip Code 55402-3319 Country USA Telephone (612) 334-3222 Fax (612) 334-3312 Name (Print/type) David D. Brush Registration No. (Attorney/Agent) 34,557	Name														
City Minneapolis State MN Zip Code 55402-3319 Country USA Telephone (612) 334-3222 Fax (612) 334-3312 Name (Print/type) David D. Brush Registration No. (Attorney/Agent) 34,557	Address														
Country USA Telephone (612) 334-3222 Fax (612) 334-3312 Name (Print/type) David D. Brush Registration No. (Attorney/Agent) 34,557						St	ate	MN			Zio	Code	55402-	3319	
Name (Print/type) David D. Brush Registration No. (Attorney/Agent) 34,557	Cou	ntry	USA		*****	T		(612) 3	334-32	222		T T			
									Par	ietration l	No (Attornov/A-	ent)	24 55	7	7
								, legi	JuduOIII	(rationley/Ag		1/9/01		1	

		Complete if Known						
FEE TRANSMITTAL	A	pplication N	О.					
	F	iling Date		H	Herewith			
		irst Named	Inventor	L	Lanshi Zheng et al.			
		itle		C	DISC HEAD SLIDER HAVING VERTICALLY CONTOURED FEATURES AND METHOD OF FABRICATING VERTICALLY CONTOURED FEATURES ON A SLIDER			
	G	Group Art Un	it					
		xaminer Na			Tage II			
Total Amount of Payment \$ 790	Α	tty. Docket I	Number	S	S01.12-0669			
METHOD OF PAYMENT (Check One)				FEE (EE CALCULATION (Continued)			
The Director is hereby authorized to charge any additional f	ee	3. ADDITIONAL FEES						
required under 37 C.F.R. § 1.16 and 1 17, including any petition fe and credit any over payments to Deposit Account No. 23-1123.	ee,	Large Entity	Small	Entity	lity S			
Westman, Champlin & Kelly, P.A.	F	Fee Fee	Fee	Fee	Fee Description Fee			
2. 🗵 Check Enclosed	c	ode (\$)	Code	(\$)	Paid			
	10	05 130	205	65	Surcharge - Late filing fee or oath			
FEE CALCULATION	12	27 50	227	25	Surcharge - Late provisional Filing Fee or cover sheet			
1. BASIC FILING FEE	13	39 130	139	130	Non-English specification			
Large Entity Small Entity	14	47 2,520	147	2,520	For Filing a Request for Reexamination			
Fee Fee Fee	11	15 110	215	55	Extension for reply within first month			
Code (\$) Code (\$) Fee Description	11	16 390	216	195	Extension for reply within second month			
La dunty ruing ree	11	17 890	217	445	Extension for reply within third month			
Design Filling Fee	11	1,390	218	695	Extension for reply within fourth month			
Likeissue Filing Fee	12	28 1,890	280	945	Extension for reply within fifth month			
114 150 214 75 □Prov. Filing Fee	12	20 310	220	155	Filing a brief in support of an appeal			
Subtotal (1) \$	710 12	21 270	221	135	Request for oral hearing			
2. EXTRA CLAIM FEES	14	18 110	248	55	Terminal Disclaimer Fee			
Number Prior** Extra Fee from Fee Claims Below	Paid 14	110	240	55	Petition to Revive - unavoidable			
Total 20 20 0 18 0	14	1,240	241	620	Petition to Revive - unintentional			
Indep. 4 3 1 80 80	14	1,270	242	650	Utility/Reissue issue fee (inc. advance copies)			
Multiple Dependent Claims	14	470	243	250	Design issue fee (inc. advance copies)			
** Insert 3 and 20, or number previously paid if greater, Reissue see below	12	22 130	122	130	Petitions to the Commissioner			
Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$)	12	23 50	123	50	Petitions related to provisional applications			
103 18 203 9 Claims in excess of 20 102 80 202 40 Independent claims in excess	of 3	26 240	126	240	Submission of Information Disclosure Statement			
 104 270 204 135 Multiple Dependent Claims 109 80 209 40 Reissue Independent Claims 	58	31 40	581	40	Daniel Land			
Original Patent 110 18 210 9 Reissue claims in excess of 2 and over original patent	?0 Ot	Other Fee (specify)			,, (
Subtotal (2)	\$ 80				Subtotal (3)			
					· · · · · · · · · · · · · · · · · · ·			

D.B

Reg. No. 34,557

Signature (David D. Brush)

Date 1/9/6/

REQUEST AND **CERTIFICATION UNDER** 35 U.S.C. 122(b)(2)(B)(i)

First Nan	ned Inventor	Lanshi Zheng et al.					
Title	DISC HEAD SL	IDER HAVING VERTIC	AL Q Y				
	CONTOURED	FEATURES AND METH	HOD OF				
	FABRICATING	VERTICALLY CONTO	JRED -				
	FEATURES ON	A SLIDER	N.				
Atty Doc	ket Number	S01.12-0669	_ ⊃ુંડ				

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement. that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

1/9/01 Date

> David D. Brush Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.